

Claims

[c1] What is claimed is:

1. A method for fixing a movable module of an electronic apparatus, wherein the movable module is installed inside a housing of the electronic apparatus, and the movable module moves when the electronic apparatus is in operation, the method comprising:

providing a fixing member installed on the housing of the electronic apparatus and a positioning member installed on the electronic apparatus;

using a cushion to push the fixing member to the positioning member when the cushion is attached to the housing of the electronic apparatus.

[c2] 2. The method of claim 1 further comprising separating the fixing member from the positioning member when the cushion is detached from the housing of the electronic apparatus.

[c3] 3. The method of claim 2 further comprising providing an elastic device installed on the fixing member so that the fixing member is separated from the positioning member and returns to an original position when the cushion is detached from the housing of the electronic

apparatus.

- [c4] 4. The method of claim 2 further comprising providing an elastic device installed on the positioning member so that the positioning member is separated from the fixing member and returns to an original position when the cushion is detached from the housing of the electronic apparatus.
- [c5] 5. The method of claim 1 wherein the fixing member is a protrusion.
- [c6] 6. The method of claim 1 wherein the positioning member is a recess.
- [c7] 7. The method of claim 1 wherein the fixing member includes a hook and the positioning member includes a hook.
- [c8] 8. The method of claim 7 wherein the electronic apparatus further comprises a connecting port installed on the housing of the electronic apparatus, and the fixing member further comprises a slide bar that covers the connecting port when the fixing member clips on the positioning member.
- [c9] 9. The method of claim 1 wherein the electronic apparatus is a scanner and the movable module is a scanning

module movable to scan documents when the scanner is in operation.

[c10] 10. An electronic apparatus implementing the method of claim 1.

[c11] 11. An electronic apparatus detachably attached to a cushion for protecting the electronic apparatus, the electronic apparatus comprising:
a housing with a fixing device; and
a movable module installed inside the housing with a positioning device to clip on the fixing device,
wherein the fixing device clips on the positioning device by pushing of the cushion, and when the cushion is detached, the fixing device is separated from the positioning device.

[c12] 12. The electronic apparatus of claim 11 being a scanner.

[c13] 13. The electronic apparatus of claim 12 wherein the movable module is a scanning module.

[c14] 14. The electronic apparatus of claim 11 further comprising an elastic device installed on the fixing device to return the fixing device to an original position and separate the fixing device from the positioning device.

- [c15] 15. The electronic apparatus of claim 11 wherein the fixing device is a protrusion.
- [c16] 16. The electronic apparatus of claim 11 wherein the positioning device is a recess.
- [c17] 17. The electronic apparatus of claim 11 wherein the fixing device includes a hook and the positioning member includes a hook.
- [c18] 18. The electronic apparatus of claim 11 wherein the electronic apparatus further comprises a connecting port installed on the housing of the electronic apparatus, and the fixing device further comprises a slide bar that covers the connecting port when the fixing device clips on the positioning device.